



MI-CW2720

Michigan Crop Weather

July 6, 2020

Field Crops

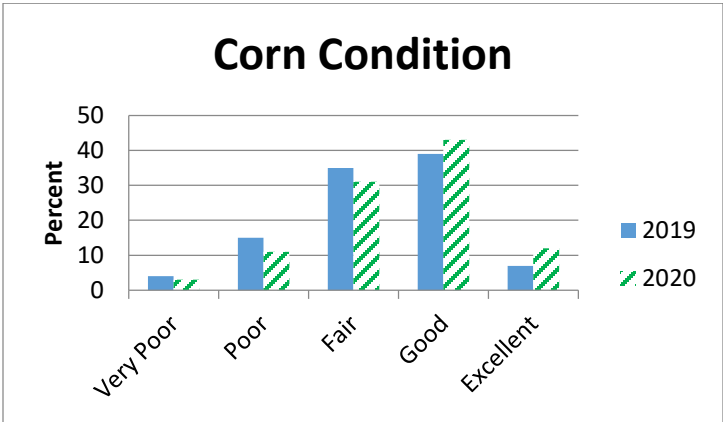
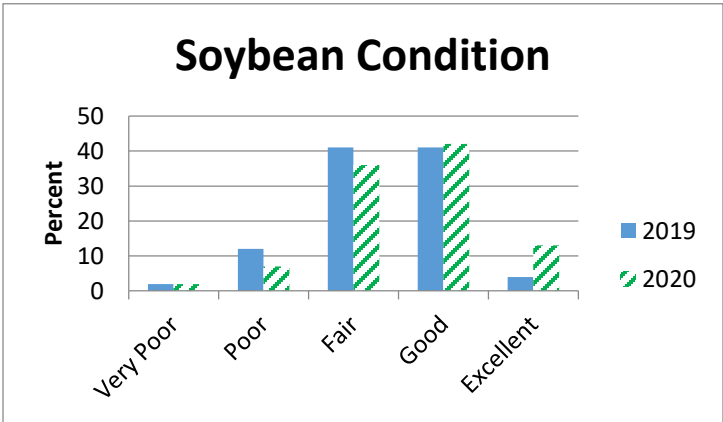
A hot and dry week had many producers wishing for rain, according to Marlo Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 6.8 days suitable for fieldwork in Michigan during the week ending July 5, 2020. Daytime high temperatures across the state averaged from the mid-80s to the upper 90s while almost no precipitation fell during the week. Late planted crops with short root systems were beginning to show signs of stress as topsoil moisture levels decreased significantly over the past week. There were several reports of **corn** leaves rolling from the heat while both **soybeans** and **dry beans** were showing signs of stress from lack of moisture. **Oats** continued to head out while **wheat** was maturing quickly in the heat; some producers expressed concern that the lack of rain could negatively impact grain weight in small grain crops. First cut **hay** was winding down, and while second cut has begun, reporters noted that regrowth has been poor. Other activities included scouting for pests and spraying herbicides and insecticides in row crops as conditions allowed.

Fruit

Hot, dry weather was the norm last week and while good for disease management, it was not particularly good for fruit size development. Growers applied supplemental irrigation to help in this regard. **Peaches** in the Southwest were 1.75 inches. The estimated harvest date for Red Haven in central Berrien county was August 4. Early season varieties were expected to begin harvesting soon. In the East, peaches were 1.25 to 1.38 inches; pit hardening was beginning and thinning continued. **Tart cherries** in the Southwest were red and harvest was beginning. Some growers have no crop or a crop that was so light that there will be no harvest. In the Northwest, tart cherries continued to size. The crop was varied with some growers having a full crop while others had a crop that was lighter than they had previously expected. **Apples** in the Southwest ranged from 30 to 45 millimeters. In the Northwest, growers wrapped up thinning their apple crop; growers were happy with their thinning this season. In the East, apples were 1.38 to 1.5 inches; June drop had nearly ended. Apple maggot and apple rust mites began to show up; growers controlled these insects. Potato leaf hopper counts also rose last week. In the Southwest, early **blueberry** varieties like Bluetta and Duke had ripe berries and harvest was underway. In the West Central, blueberry harvest for the fresh market began in Weymouth and Duke; fruit quality was excellent.

Vegetables

Irrigation and scouting activities were prevalent this week, as sustained hot, dry weather increased pest pressure and moisture stress in crops. Early **sweet corn** was silking in the South and some corn earworm was detected in low numbers. In the East, **sweet corn** planting came to a close. **Pepper** planting neared completion in the South, while some early **peppers** began flowering. **Cole crops** continued plant development, with the canopies of early plantings coming together. Early **garlic** harvest began in the East. Hoop house **cucumbers** and **tomatoes** were harvested in the East and limited **snap bean** harvest began in the Southwest. Cucurbit downy mildew remained a concern for **melon** and **cucumber** growers, as a few more cases were confirmed this week.



Crop Condition: Week Ending 07/05/20

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	3	11	31	43	12
Soybeans	2	7	36	42	13
Winter Wheat	2	6	26	52	14
Barley	2	4	19	72	3
Dry Edible Beans.....	5	8	33	50	4
Oats	2	5	23	66	4
Sugarbeets	4	6	34	51	5
Range and Pasture ...	7	15	45	30	3

Crop Progress: Week Ending 07/05/20

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork	6.8	5.9	-	-
Corn Emerged	100	96	92	98
Soybeans Emerged	100	97	76	93
Soybeans Blooming.....	8	0	0	14
Winter Wheat Headed	97	88	94	98
Winter Wheat Mature	24	4	15	47
Dry Edible Beans Planted....	98	74	80	93
Dry Edible Beans Emerged .	84	60	42	79
Alfalfa Hay 1st Cutting	86	80	72	86
Alfalfa Hay 2nd Cutting	19	2	NA	NA
Other Hay 1st Cutting.....	67	53	48	65
Other Hay 2nd Cutting	5	1	NA	NA
Oats Emerged	98	89	95	98
Oats Headed	65	37	46	71

Soil Moisture: Week Ending 07/05/20

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	32	39	27	2
Subsoil moisture.....	18	34	45	3

Weather Summary For Michigan												
Week Ending 2020-07-05								Since April 1				
Temperature								Precipitation			GDD Base 50	
High	Low	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total	DFN
Upper Peninsula												
HANCOCK HOUGHTON COUNTY AP	91	57	75	12	0.20	2		3.96	-3.41	29	690	205
IRONWOOD	89	59	75	10	0.34	2		8.76	-1.41	26	733	126
CHATHAM EXPERIMENT FARM 2	86	50	68	4	0.00	0		8.62	-0.17	32	522	-20
PICKFORD 3NE	92	51	72	6	0.00	0		3.06	-5.42	7	377	-188
Northwest LP												
BEULAH 7SSW	91	60	76	8	0.00	0		9.73	-0.35	33	824	71
BOYNE FALLS	93	59	78	8	0.00	0		12.55	3.82	35	782	-79
FRANKFORT 2NE	88	66	77	10	0.00	0		9.80	0.45	29	782	94
TRAVERSE CITY CHERRY CAPITAL AP	93	61	77	9	0.00	0		11.09	2.10	35	874	140
WELLSTON 1N	93	52	74	5	0.00	0		9.55	-0.43	34	736	-70
Northeast LP												
ALPENA COUNTY REGIONAL AP	94	53	74	7	0.00	0		8.08	-0.08	32	744	116
GAYLORD 9SSW	89	58	75	9	0.00	0		11.26	1.66	41	779	139
GLENNIE 2SE	92	53	72	5	0.00	0		11.12	0.06	25	717	80
HALE LOUD DAM	95	56	75	7	0.00	0		10.95	1.70	26	783	89
ONAWAY 4N	90	54	72	4	0.00	0		10.66	2.21	31	713	-46
West Central LP												
MUSKEGON COUNTY AP	92	64	79	9	0.02	1		13.58	4.50	35	1020	120
Central LP												
BIG RAPIDS WATERWORKS	93	56	74	6	0.00	0		11.52	1.04	34	787	1
CENTRAL MICHIGAN UNIVERSITY	91	62	76	6	0.00	0		10.51	0.18	26	869	-23
GLADWIN	97	57	76	7	0.00	0		11.83	1.77	32	851	34
MIDLAND	94	62	77	6	0.00	0		10.10	-0.13	34	941	-15
East Central LP												
BAD AXE	92	57	74	5	0.00	0		6.85	-2.71	35	833	41
SAGINAW #3	94	62	78	6	0.00	0		10.16	-0.41	29	1035	78
SAGINAW MBS INTL AP	95	61	78	7	0.00	0		10.30	0.60	30	1037	99
VASSAR	94	53	74	4	0.00	0		7.68	-3.30	24	767	-59
Southwest LP												
BENTON HARBOR	92	61	77	4	0.26	2		12.13	1.34	35	1062	8
GRAND RAPIDS GERALD R FORD INTL AP	94	63	79	7	0.02	1		11.17	-0.52	36	1043	4
GULL LAKE BIOLOGICAL STATION	87	60	76	2	0.00	0		11.60	-0.16	26	931	-215
HOLLAND TULIP CITY AP	91	63	78	6	0.54	1		12.37	1.17	35	1031	-11
South Central LP												
COLDWATER ST SCHOOL	88	60	73	2	0.00	0		11.44	-0.23	27	838	-150
HASTINGS	90	61	75	5	0.00	0		16.33	4.77	41	940	40
JACKSON REYNOLDS FIELD	91	60	75	4	0.00	0		11.20	1.47	35	941	-39
LANSING CAPITAL CITY AP	95	63	77	6	0.00	0		10.57	0.26	36	1042	61
THREE RIVERS	91	63	76	4	0.00	0		10.67	-0.93	37	980	-87
Southeast LP												
ADRIAN 2 NNE	94	50	75	4	0.00	0		9.57	-1.89	28	832	-104
ANN ARBOR U OF MICH	92	57	74	2	0.00	0		9.89	-0.97	38	1005	-77
CHELSEA	90	60	74	3	0.00	0		11.16	1.22	34	974	8
FARMINGTON	92	59	76	5	0.00	0		9.19	-0.73	29	947	13
MANCHESTER	92	61	75	4	0.00	0		10.00	-0.68	40	970	12
PORT HURON	86	58	73	2	0.00	0		7.03	-2.89	20	872	-36

Note:

Summary based on NOAA Regional Climate Centers (RCCs) data. Climate normals used are for the 1981-2010 period. Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees Fahrenheit.